

Magento 1

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Table of Contents

1	Install the plugin	4
1.1	GitHub	4
2	Settings in CA	4
2.1	Notifications	4
2.2	Merchant account settings	5
2.3	Web service (ws) user	5
2.4	LIVE account	5
3	Configure the Adyen plug-in	6
3.1	Configure the default Magento cronjob	6
3.2	Adyen Payment Configurations	6
3.3	Set up the required settings	6
3.3.1	Fields	6
3.4	Set up the advanced settings	8
3.4.1	Magento order processing	9
3.4.2	Adyen payment notifications	10
3.4.3	Billing agreements	11
3.4.4	Checkout experience	11
3.4.5	Case Management (Manual Review)	12
3.5	Set up Adyen HPP payment methods	13
3.5.1	Set things up	13
3.5.2	Define the skin in the Adyen CA	13
3.5.3	Configure HPP in the Adyen plug-in	14
3.5.4	Set up HPP iDEAL	15
3.5.5	Set up HPP OpenInvoice (AfterPay or Klarna)	15
3.6	Set up API credit card payments	17
3.6.1	Fields	17
3.7	Set up Adyen Stored Payment Methods	19
3.7.1	Fields	20
3.8	Set up Adyen SEPA	20

3.8.1	Fields	20
3.9	Set up Adyen POS	21
3.9.1	Fields	21
3.10	Set up Adyen Apple Pay	23
3.10.1	Fields	23
3.11	Set up Adyen Boleto	25
3.11.1	Fields	25
3.12	Set up Adyen Cash	26
3.12.1	Fields	26
3.13	Set up Adyen Pay By Mail	28
3.13.1	Fields	28
3.14	Set up Adyen ELV (deprecated)	29
3.14.1	Fields	30
4	Import stored cards in Magento	30
5	Issue a refund in Magento	31


Submit payment transactions to the Adyen payment system using our plugin for Magento. We advise you to download and install the Adyen plugin either from GitHub or Magento connect.

 This Magento plugin supports the Magento Community (version 1.8 and higher) and Enterprise edition (version 1.13 and higher).

Install the plugin

GitHub

1. Download the latest version of our Adyen plugin available on [GitHub](#).
2. Extract the contents from the downloaded file.
3. Upload only the content that's inside the extracted folder (magento-x.x.x) and move it to the root folder of your Magento installation.
4. Verify the folder and file permissions of the uploaded files.
5. In your Magento backend, go to **System > Cache Management** and click on the **Flush Cache Storage** button.
6. If you are already logged in to your Magento backend, log out, and then log in again.


 Some hosting providers including Byte are running php in CGI modus. This means that HTTP Basic Authentication, used for the notifications, is not working on default. Enable the authorisation by adding the following rules to the .htaccess file in the Magento root directory.

```
RewriteEngine on:  
RewriteCond %{HTTP:Authorization} (.+)  
RewriteRule .* - [E=REMOTE_USER:%{HTTP:Authorization},L]
```

For further Magento-specific details, refer to the official [Magento documentation](#).

Settings in CA

Before configuring the settings, make sure that the [Customer Area](#) set up is complete.

 If you don't already have a test account, read [Get started with Adyen](#).

1. Go to [Customer Area](#) and log in using your Adyen test account credentials.
2. In the Main menu, click **Account**.
3. Select the name of your Merchant account.

Notifications

1. Go to **Settings > Server Communication**.

2. Click **Add** next to Standard Notification.
3. Under the Transport section:
 - a. Enter your website URL followed by **/adyen/process/json**
If you have turned off URL rewrite in Magento, you can check this by navigating to **Settings > System config > Web > Search Engine Optimization**, you should use **index.php/adyen/process/json**.
If you have **Add store code** to URLs enabled, you can check this by navigating to **Settings > System config > Web > URL options**, you should add store code in the notification URL.
 - b. Select the **Active** checkbox.
 - c. Set Method to **JSON**.
4. Under the Authentication section, enter the User Name and Password.
Take a note of this information, as you need it later on when configuring the Adyen plugin.
5. Test whether notifications have been configured correctly. Navigate to the **Test Notifications** section and click **Test Configuration**. If the result is **[Accepted]** your notifications are working correctly.
6. Click **Save Configuration**.

Merchant account settings

1. Go to **Settings > Merchant Settings**.
The default value for **Capture Delay** is Immediate, you may adjust it according to your preferences.
2. Click **Submit**.

Web service (ws) user

1. Go to **Settings > Users**.
2. From the first dropdown in the upper left table cell, select **System**.
3. Click the **ws user** (ws@Company.YourCompanyCode).
If you have not yet set a password for your ws user yet, you can do it by clicking **Generate**.
Take a note of the password, as you need it later on when configuring the Adyen plugin.
4. Click **Save**.

LIVE account

1. After your merchant account is enabled on the Adyen LIVE platform, using your Adyen live account credentials log in to [the live Customer Area](#).
2. In the main menu, click **Account**.
3. Select your Merchant account.
4. Configure the notifications, merchant account settings, and ws user following the steps described above.

Configure the Adyen plug-in

Before tweaking your Adyen Payment settings in Magento, you need to configure the default Magento cronjob. This cronjob updates the orders based on the payment responses from Adyen.

Configure the default Magento cronjob

To configure the default Magento cronjob:

1. Log in to your **Magento Admin Panel**, go to the **System** menu, and select **Configuration**.
2. On the left-hand navigation sidebar In the **Magento Admin Panel**, browse to the **Advanced** category and click **System**.
3. In the **System** area, click the **Cron (Scheduled Tasks)** section.
4. Set the **Generate Schedules Every** input field to 1.
5. Click **Save Config**.

This sets the cronjob generation time interval to 1 minute.

Adyen Payment Configurations

1. Log in to your **Magento Admin Panel** to configure the Adyen plug-in.
2. Go to **System > Configuration** from the main menu.
You are redirected to the general settings of Magento.
3. In the **Sales** tab, select **Payment Methods**.
You are redirected to the page with settings for the Adyen plug-in.

Set up the required settings

This section describes the configuration of the required settings for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Default Settings** and open the **Required Settings** section by clicking on it.
- Fill out the fields. Hovering over the question mark (?) on the right of each field gives you more information about the required setting.

Fields

Setting	Value(s)	Description
Merchant Account		The merchant account identifier you want to process the (transaction) request with. Find this at the top of the screen in the Adyen Customer Area, where you will see [YourCompanyAccount] > [YourMerchantAccount]. Please note that the

Setting	Value(s)	Description
		merchant account is different from the company account; a company account can have one or more merchant accounts. You always have at least one company account with one corresponding merchant sub-account. For more information on the account structure, view this article .
Test /Production Mode	Test	In the test mode you must use test cards. See section Documentation & Support for the link to the test cards
	Live	
Notification Username		Set your own username and copy it over to Adyen Customer Area => Settings => Server Communication => Standard Notification => User Name.
Notification Password		Set your own password and copy it over to Adyen Customer Area => Settings => Server Communication => Standard Notification => Password.
Test: Web Service Username		<p>Find this in your Test Adyen Customer Area => Settings => Users => System. Normally this will be <i>ws@Company.YourCompanyCode</i>. Copy and Paste the exact ws username here.</p> <div style="border: 1px solid orange; padding: 10px; margin-top: 10px;"> <p> When everything is correctly configured and you receive an authentication error when testing the notifications from the Adyen Customer Area, follow the note at the bottom of this page.</p> </div>
Test: Web Service Password		Find this in your Test Adyen Customer Area => Settings => Users => System. Click on your web service user and generate a new password. Copy and Paste the exact password here.
Live: Web Service Username		Find this in your Live Adyen Customer Area => Settings => Users => System. Normally this will be <i>ws@Company.YourCompanyCode</i> . Copy and Paste the exact ws username here.
Live: Web Service Password		Find this in your Live Adyen Customer Area => Settings => Users => System. Click on your web service user and generate a new password. Copy and Paste the exact password here.
Capture Delay	Auto Capture	Immediate is the default. Set to manual if you want to perform the capture of funds manually later (only affects credit cards and a few alternative payment methods). You need to change this setting as well in Adyen Customer Area => Settings => Merchant Settings => Capture Delay. If you have selected a capture delay of a couple of days in Adyen of a couple of days keep it here on immediate
	Manual Capture	

Setting	Value(s)	Description
Order status: order creation	-- Please select --	Status given to newly created orders before payment result confirmation via server notifications from Adyen.
	Pending	
Order status: payment authorisation	-- Please select --	Status given to orders after authorisation confirmed by an AUTHORISATION notification from Adyen. Note: an authorisation status via the result URL does not yet trigger this status.
	Pending	
	Processing	
Order status: payment confirmed	-- Please select --	Status given to orders after capture result is confirmed by an AUTHORISATION notification for an auto capture or CAPTURE notification for a manual capture from Adyen.
	Processing	
Order status: order cancellation	On Hold	Status given to orders after order cancellation is confirmed by a CANCEL_OR_REFUND notification from Adyen. If orders are already invoiced, they cannot be cancelled but will be refunded instead.
Enable debug logging	Yes	
	No	



Some hosting providers are running PHP in CGI modus. This means that HTTP Basic Authentication, used for the notifications, is not working on default. Enable the authorisation by adding the following rules to the .htaccess file in the Magento root directory.

RewriteEngine on:

```
RewriteCond %{HTTP:Authorization} (.+)
```

```
RewriteRule .* - [E=REMOTE_USER:%{HTTP:Authorization},L]
```

Also, some hosting providers are blocking Bots, which may block our notifications from being sent correctly.

If you are using Byte as your hosting provider you can see more information about that and how to allow bots on their [website](#).

Set up the advanced settings

This section describes the configuration of the advanced settings for the Adyen plug-in in Magento. Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Default Settings**. There are various sections related to advanced settings.

- Hovering over the question mark (?) on the right of each setting field will give you more information about the required setting.

Magento order processing

This section will describe the configuration of the advanced Magento order processing for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Default Settings** and open the **Advanced: Magento Order Processing** section by clicking on it.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Use manual-capture for PayPal	Yes	Should be on 'No' by default. If you have requested with Adyen Support for your PayPal integration to be on manual-capture, set this to 'Yes'.
	No	
Use auto capture for OpenInvoice payments	Yes	Applicable for Klarna and Afterpay only. By default, OpenInvoice is set to manual capture. If you want auto capture you need to contact magento@adyen.com . After approval has been given, then you can set this option to 'Yes'.
	No	
Order status: payment capture (virtual products)	-- Please select --	Select only status assigned to state complete. Leave empty to use the same as normal products.
	Completed	
Order status: Adyen Refunded	-- Please select --	Status given to order after a (partial) refund has been made on the order. This is triggered when the REFUND notification is received.
	Closed	
Order status: pending Bank Transfer/SEPA orders	-- Please select --	By default, Adyen does not inform your Magento store about pending payments. If you want these notifications to be received, Go to Adyen Customer Area Server Communication and add BankTransfer Pending Notification and Direct-Debit Pending Notification.
	Pending Payment	
	Yes	
	No	

Setting	Value(s)	Description
Send order confirmation email for Bank Transfer/SEPA		Send a confirmation mail after Bank Transfer/SEPA is placed (not yet paid). If you want these notifications to be received, Go to Adyen Customer Area Server Communication and add BankTransfer Pending Notification and Direct-Debit Pending Notification.
Create a pending invoice (only for manual capture)	Yes	This will create a pending invoice if the AUTHORISATION notification is received.
	No	
Order status: Capture on shipment	Yes	If you enable this function it will do a capture request to the Adyen payments platform if you do a shipment
	No	
Invoice email	Yes	Enable/Disable update emails
	No	
Receive order status update email (deprecated)	Yes	DEPRECATED Enable/Disable update emails for all order status changes to the shopper
	No	

Adyen payment notifications

This section will describe the configuration of the Adyen advanced payment notifications for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Default Settings** and open the **Advanced: Adyen Payment Notifications** section by clicking on it.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value (s)	Description
Ignore refund notification	Yes	If the refund is done on the Adyen payments platform it will send a refund notification to Magento that automatically create a credit memo. If you enable this setting this will not happen because it will not process any of the REFUND notification that is received.
	No	

Setting	Value (s)	Description
Allow multiple merchants	Yes	Allow notifications sent from other Adyen merchant accounts. Keep in mind that the Notification user name and password should be the same for all the merchant accounts.
	No	

Billing agreements

This section will describe the configuration of the advanced billing agreements for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Default Settings** and open the **Advanced: Billing Agreements** section by clicking on it.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Agreement Type	NONE	When enabled, users can save their Credit Cards and their SEPA authorizations. ONECLICK will require the input of the CVC for subsequent payments, while RECURRING does not.
	ONECLICK	
	RECURRING	ONECLICK: The shopper opts in to storing their card details for future use. The shopper is present for the subsequent transaction, for cards the security code (CVC/CVV) is required.
	ONECLICK, RECURRING	RECURRING: Payment details are stored for future use. For cards, the security code (CVC/CVV) is not required for subsequent payments. ONECLICK,RECURRING: Payment details are stored for future use. This allows the use of the stored payment details regardless of whether the shopper is on your site or not.

Checkout experience

This section will describe the configuration of the advanced checkout experience settings for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Default Settings** and open the **Advanced: Checkout Experience** section by clicking on it.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting

Fields

Setting	Value(s)	Description
Redirect destination after cancellation	Cart	Determines how shoppers get redirected after they cancel a payment.
	Checkout	
Payment method render method	Title	Determines whether the payment methods will be displayed with its logo or just the name.
	Logo + Title	
Language locale (optional)		This will override the default shopper locale of the Magento store. Leave empty to let Magento decide (Ex: nl_NL)
ISO Country Code (optional)		This will override the shopper billing address country when determining what payment methods to display.

Case Management (Manual Review)

This section will describe the configuration of the advanced Manual Review settings for the Adyen plug-in in Magento. The manual review is now referred as case management in the Adyen environment.

Adyen's Risk analysis tool allows merchants to configure when a transaction should be accepted or rejected depending on certain characteristics of the payment. This process has two automatic outcomes, either accept or reject the payment.

Case Management (part of Adyen RevenueProtect) allows for a third option, in which you can manually review payments which have triggered some fraud rules but do not yet meet the criteria for automatic refusal. To use this option, speak to your Adyen account manager for approval.

Under the Payment Method configuration in Magento, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Default Settings** and select **Advanced: Manual Review**.
- Enter the required information.
Hovering over the question mark (?) on the right of each field gives you more information about the required settings.

Fields

Setting	Value(s)	Description
Manual Review Status	-- Please select --	Do you wish to have a separate status for payments that go into case management? 1. Yes --> Set Manual Review Status to ' Pending Payment '

Setting	Value(s)	Description
	Pending Payment	2. No --> Set Manual Review Status to '-- Please Select --'
Manual Review Accepted Status	-- Please select --	Do you wish to push payments to force a certain status for accepted case management transactions?
	Processing	1. Yes --> Set Manual Review Accepted Status to ' Processing ' 2. No --> Set Manual Review Accepted Status to '-- Please Select --'

Adyen backend:

Adyen Support needs to configure your account for case management to enable you to use it. Send your answers to the following questions to magento@adyen.com.

1. When you accept a case management transaction, do you want to perform a capture on it? (Only relevant for manual capture)
2. When you reject a case management transaction, do you want to cancel/refund it?
3. If you do not act on a case management transaction and the authorisation is about to expire, do you want Adyen to capture or cancel the transaction for you?

Once Adyen Support has confirmed that the required settings are completed, you can begin to use case management with Magento.

Set up Adyen HPP payment methods

You can use our Magento integration to handle payments through our [HPP Manual](#).

Before you configure the payment methods you want to use, you need to take care of a few preliminary steps to ensure the process runs smoothly.

Set things up

If you want to handle your payments through our Hosted Payment Pages (HPP), you will have to use the Adyen HPP option in the plug-in. This will give you access to the wide range of available payment methods that we support and can be set up for your merchant account.

For this to work, you will first have to set up a skin in the Adyen Customer Area (CA).

Define the skin in the Adyen CA

- Go to <https://ca-test.adyen.com> and log in with your test account credentials.
- In the main menu click **Skins**.
If no skin was configured yet, do so by clicking the button [Create a new skin](#).
- Click **HMAC with SHA-256 and new signing algorithm** (Recommended).
- Fill in a description for your skin, e.g. *Magento Skin*.

- Take a note of the *Skin Code*, as you will need it later on when configuring the plug-in.
- Generate new HMAC Key for the Test and Live platform.
- Take a note of these HMAC keys, as you will need it later on when configuring the plug-in.

Configure HPP in the Adyen plug-in

- Open the Adyen HPP panel in the Magento backend (under **System > Configuration > Payment Methods**).
- Use the information which you previously noted when preparing the skin in the Adyen CA to fill out the fields.

Setting	Value (s)	Description
Enabled	Yes	This option have to be set to Yes if you want to enable the HPP payment methods.
	No	
Sort Order		This is the position of the HPP payment methods during the checkout.
Skin Code		Copy and paste the skin code of the skin you want to use from Test Customer Area => Skins.
HMAC Key for Test Skin		Copy and paste the skin code of the skin you want to use from Test Customer Area => Skins => click on [skin code] => Edit => HMAC for Test platform.
HMAC Key for Live		Copy and paste the skin code of the skin you want to use from Test Customer Area => Skins => click on [skin code] => Edit => HMAC for Live platform.

Advanced settings

Setting	Value (s)	Description
Title		This is the title that will show on the checkout if <i>Leave payment method selection on HPP</i> is set to Yes.
Days for Delivery		How many days to be added to the current date for delivery. ONLY numbers allowed.
Leave payment method selection on HPP	Yes	If you say yes here, payment methods in the checkout won't be displayed and you will be redirected to the Adyen HPP to make the selection.
	No	
	Yes	If you have a multi webshop and you want to use one skin only, enable this option.

Setting	Value (s)	Description
Return url in request	No	
Fee	+ Add Fee	The Payment method name of the HPP payment can be found in Adyen back office. Go to Settings => Payment Methods and here you see under the column <i>name</i> the name of the payment method.



For alternative checkout modules:

If the payment methods are still not showing up on your checkout page, it could mean that our observer is not executed. Contact your vendor that supplies the checkout module if the `controller_action_predispatch_checkout` is called. If this extension is using a custom observer, add these lines to config.xml: <https://github.com/Adyen/adyen-magento/blob/2.9.0/app/code/community/Adyen/Payment/etc/config.xml#L154-L165>

We support Fire Checkout, OneStepCheckout, and IWD One Page Checkout extensions.

Set up HPP iDEAL

If you want to enable the **iDEAL** (Dutch bank transfer) payment method, you will have to configure HPP iDeal on the Adyen plug-in.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen HPP iDEAL** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Show iDEAL bank logos	Yes	Show iDEAL bank logos (radio buttons) instead of dropdown
	No	
Fee		An additional fee that will be added to iDEAL payments

Set up HPP OpenInvoice (AfterPay or Klarna)

If you want to enable an OpenInvoice payment method such as AfterPay or Klarna, you will have to configure HPP OpenInvoice (AfterPay or Klarna) on the Adyen plug-in.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen HPP OpenInvoice (AfterPay or Klarna)** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	This option will have to be set to Yes if you want to enable the HPP OpenInvoice (AfterPay or Klarna) method
	No	
Title		This is the title that will show for the payment method
Sort Order		This is the position of the HPP OpenInvoice payment method during the checkout
OpenInvoice Type	AfterPay Netherlands	The type of OpenInvoice that you want to use
	Klarna	
Show Gender	Yes	
	No	
Show Date of Birth	Yes	
	No	
Show Phonenumber	Yes	
	No	
Fee		
Disable on if billing and delivery addresses differ	Yes	If the delivery address and billing address in the checkout is not the same disable this payment method because Klarna will most likely reject it
	No	
	Yes	If the first attempt is refused don't show this as an payment option for the current quote


Setting	Value(s)	Description
Disable this payment method if first attempt is refused	No	
Payment to applicable countries	All Allowed Countries	When set to Specific Countries , this will override the allowed countries for OpenInvoice payments.
	Specific Countries	
Payment to Specific countries		Make sure that the settings in the Adyen CA match the selection here. You can set the override countries in the Adyen CA by going to Skins > [yourskincode] > Payment methods > pen icon > Override available countries.

Set up API credit card payments

This section will describe the configuration of Credit Card Payments using our API. The advantage of using this method (over card payments through the HPP) is that shoppers will not leave your website, but instead can do the card payment directly in your checkout. For this to work you will need to have *Client Side Encryption (CSE)* enabled for your merchant account. On the TEST environment the role is enabled by default.



If you are considering implementing CSE and want this to be enabled on your LIVE platform, download and fill in the [PCI Self Assessment Questionnaire \(SAQ\) A](#), then email it to the [Adyen Support Team](#).

- Make sure that you have received confirmation from the Adyen Support Team that CSE is enabled for your account
- Open the Credit Card panel in the Magento backend (under **System > Configuration > Payment Methods**)
- Configure the settings. Hovering over the question mark () on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	If you want to enable payment by Credit Cards through our API, set this option to Yes .
	No	
Title		Title displayed for the payment method.

Setting	Value(s)	Description
Sort Order		This is the position of the Credit Cards during the checkout.
Credit Card Types		Select the credit card type(s) that you want to use.
Enable Client-Side Encryption (CSE)	Yes	<p>On TEST, check if the role <i>API Clientside Encryption Payments role</i> is enabled by going to Test Adyen Customer Area > Settings > Users > System (from the dropdown) > [web service user].</p> <p>Contact support@adyen.com if the role is not enabled on your account. If you want this to be turned on on your LIVE account please fill in the SAQ A form and send this to salesupport@adyen.com.</p>
	No	
Enter CSE Public Key of Test Adyen Webservice User		Copy this from the Test Adyen Customer Area > Settings > Users > System (from the dropdown) > [web service user] > Client Encryption Public Key .
Enter CSE Public Key of Live Adyen Webservice User		Copy this from the Live Adyen Customer Area > Settings > Users > System (from the dropdown) > [web service user] > Client Encryption Public Key .
Payment to applicable countries	All Allowed Countries	When set to Specific Countries , this will override the allowed countries for Credit Card payments.
	Specific Countries	
Payment to Specific countries		Make sure that the settings in the Adyen CA match the selection here. You can set the override countries in the Adyen CA by going to Skins > [yourskincode] > Payment methods > <i>pen icon</i> > Override available countries.
Visible in	Backend and Frontend	Where you want to show this payment method: in the backend of Magento and/or in the frontend for the shoppers
	Backend Only	
	Frontend Only	

Advanced Settings

Setting	Value (s)	Description
Enable MOTO for backend orders	Yes	You can create backend orders without CVC using this feature. For this, you need MOTO permissions on web service (ws) User.
	No	To activate MOTO for your account and ws permissions, contact magento@adyen.com .
Enable Installments	Yes	If you want to have installments enabled, set this to Yes . You can set specific installment settings in the settings below.
	No	
Installments default		The default settings for installments
Installments for [type]		You can specify payment method specific installment configurations. Click Add Installment Boundary next to the payment method to further configure this. Make sure that you define every installment. So if you want to add 5 installments then configure installment 1,2,3,4 and then 5.


Set up Adyen Stored Payment Methods

This section describes the configuration of Stored Payment Methods for the Adyen plugin in Magento. During checkout shoppers can choose to have their payment details remembered and stored for trusted websites in Adyen's highly secure platform. Adyen takes care of this process for its customers. Shoppers can then select the saved card and checkout with 'one-click' in the Magento checkout .



Make sure you have turned on `RECURRING_CONTRACT` notification on your merchant account. Alternatively, contact [Adyen Support Team](#).

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plugin.

- Click **Adyen Stored Payment Methods - Requires Adyen Credit Card** this will open up its configuration.
- Fill out the fields. Hovering over the question mark () on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	This will enable Stored Payment Methods.
	No	
Title		Title of the saved card option.
Sort Order		This is the position of Stored Payment Methods during the checkout.
Recurring Payment Type	ONECLICK RECURRING	With ONECLICK the shopper needs to fill in their security code for credit cards. For RECURRING, this is not needed. If you want to use RECURRING make sure you have Agreement Type (in Adyen Default Settings > Advance: Billing Agreements) set to RECURRING or ONECLICK,RECURRING.

Set up Adyen SEPA

This section will describe the configuration of the Adyen SEPA payment method for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen SEPA** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	This will enable you to do SEPA payments
	No	
Title		Title of the payment method that shows on checkout
Sort Order		This is the position of the SEPA payment method during the checkout
Validate IBAN	Yes	This is a basic validation on the IBAN number
	No	

Setting	Value(s)	Description
Flow	Sales	If you are not sure just use the default, this is Sale
	Auth/Cap	
Payment to applicable countries	All Allowed Countries	When set to Specific Countries , this will override the allowed countries for SEPA payments.
	Specific Countries	
Payment to Specific countries		Make sure that the settings in the Adyen CA match the selection here. You can set the override countries in the Adyen CA by going to Skins > [yourskincode] > Payment methods > <i>pen icon</i> > Override available countries.
Visibile in	Backend and Frontend	Where you want to show this payment method: in the backend of Magento and/or in the frontend for the shoppers
	Backend Only	
	Frontend Only	

Set up Adyen POS

This section describes the configuration of the Adyen POS payment method settings for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you can find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen POS** to open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	This will enable you to do POS payments on your IOS and/or android device.
	No	

Setting	Value(s)	Description
Title		Title of the payment method.
Sort Order		This is the position of the POS method during the checkout.
Recurring Type	NONE	You can set different value for POS because you have to have the permission of the customer
	ONECLICK	
	RECURRING	
	ONECLICK, RECURRING	
Add order lines to receipt	Yes	If you have the Adyen POS App configured to print to an external printer the order lines can be printed on to the receipt if you turn this option on.
	No	
Enable Scanner	Yes	If you enable this you have the possibility to scan products with a hand scanner on the shopping cart page and this will automatically add products to the shopping cart based on the same SKU name.
	No	
Auto submit scanner	Yes	If you have a scanner that puts an enter command after scanning turn this setting on.
	No	
Express checkout	Yes	This will show a checkout button on the shopping cart to directly do a POS payment without going to the checkout steps. You must be logged into your Magento account on the front-end to see the button.
	No	
Redirect direct	Yes	Redirect directly to the Adyen POS App to do the PIN payment. This is not supported for all browsers if you have problems set this setting to false.
	No	
Kiosk mode	Yes	If you turn kiosk modus on it will not autocomplete the customers based on the filled-in email address.
	No	
Show Recurring Cards	Yes	This will show the recurring cards beneath the express checkout and makes it possible to do a recurring online payment by clicking on the card.
	No	
Create Shipment	Yes	If you enable this there will be automatically be created a shipment if the invoice is created.
	No	

IP filter	Yes	Enable IP filter lets you define an IP range when this payment method is visible.
	No	
IP From		
IP To		
Payment to applicable countries	All Allowed Countries	Make sure that the settings in the Adyen CA match the selection here. You can set the override countries in the Adyen CA by going to Skins > [yourskincode] > Payment methods > <i>pen icon</i> > Override available countries.
	Specific Countries	
Payment to Specific countries		Where you want to show this payment method: in the backend of Magento and /or in the frontend for the shoppers.

Set up Adyen Apple Pay


This section will describe the configuration of the Adyen Apple Pay payment method for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Apple Pay** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Allow Guest Checkout	Yes	Specify whether shoppers need to register to make the purchase.
	No	
Enabled	Yes	Enables you to do Apple Pay payments.
	No	
Live: Apple Merchant Identifier		Enter your merchant ID from the Apple Member Center.

Setting	Value(s)	Description
Live: PEM File location		To use Apple Pay, you need to generate a PEM file from your Apple certificate. For more information, see Create a certificate for your Apple Pay Merchant Identity and submit to Apple . Upload this file to your webserver, and specify its filepath in this field.
Option to change address details in Apple Payment Sheet	Yes	Allows logged-in customers to change their address in the Apple Payment Sheet.
	No	 Available when Allow Guest Access is set to No .
Shipping Type	Delivery Method	Select a title to indicate how the purchased items are to be shipped.
	Service Pickup Method	
	Shipping Method	
	Store Pickup Method	
Show Apple buy button on product and cart page	Yes	Set this to No to direct the shopper through the Magento Checkout before using Apple Pay. Use this option if you have shipping options that are not supported in the Apple Pay checkout.
	No	
Show payment method as well in the Payment Information step of the checkout	Yes	Set this to No to hide the Apple Pay payment method in the checkout.
	No	
Sort Order		The position of the Apple Pay payment method during the checkout.
Test: Apple Merchant Identifier		Enter your merchant ID from the Apple Member Center.

Setting	Value(s)	Description
Test: PEM File location		To use Apple Pay, you need to generate a PEM file from your Apple certificate. For more information, see Create a certificate for your Apple Pay Merchant Identity and submit to Apple . Upload this file to your webserver, and specify its filepath in this field.
Title		Title of the payment method.

Set up Adyen Boleto

This section will describe the configuration of the Adyen Boleto payment method for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Boleto** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	This will enable you to do Boleto payments.
	No	
Title		Title of the payment method
Sort Order		This is the position of the Boleto payment method during the checkout
Days for Delivery		How many days to be added to the current date for delivery.
Boleto Types		The Boleto types you want to offer to the shopper.
Use taxvat for CPF or CNPJ	Yes	If you use taxvat for the CPF/CNPJ field you can then enable this option to auto fill in the Social Security Number
	No	
	-- Please select --	

Setting	Value(s)	Description
Order status underpaid	Processing	With Boleto it is possible to pay less than the full amount. Select here the status if this is the case. If you leave this empty it will take the Order status authorised payment as default status
Order status overpaid	-- Please select --	With Boleto it is possible to pay more than the total amount. Select here the status if this is the case. If you leave this empty it will take the Order status authorised payment as default status
	Processing	
Payment to applicable countries	All Allowed Countries	Make sure that the settings in the Adyen CA match the selection here. You can set the override countries in the Adyen CA by going to Skins > [yourskincode] > Payment methods > <i>pen icon</i> > Override available countries.
	Specific Countries	
Visible in	Backend and Frontend	Where you want to show this payment method: in the backend of Magento and /or in the frontend for the shoppers
	Backend Only	
	Frontend Only	

Set up Adyen Cash

This section will describe the configuration of the Adyen Cash payment method for the Adyen plug-in in Magento.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Cash** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	This will enable you to do Cash payments

Setting	Value(s)	Description
	No	
Title		Title of the payment method
Sort Order		This is the position of the Cash method during the checkout
Create Shipment	Yes	If you enable this there will automatically be created a shipment if the invoice is created
	No	
Cash Express checkout	Yes	This will show a checkout button on the shopping cart to directly do a Cash payment without going to the checkout steps. Make sure that you have Cash enabled on your skin and HPP payment method is enabled and correctly configured. You must be logged into your magento account on the front-end to see the button
	No	
Open Cash Drawer	Yes	Open the Cash drawer if you connect this to your printer this works for all Epson ePOS-Device printers
	No	
IP address printer		Enter the IP address of the printer to which the cash drawer is connected
Printer port		Enter the port number of the printer to which the cash drawer is connected
Printer Device ID		Enter the deviceID of the printer to which the cash drawer is connected
IP filter	Yes	This lets you define an IP range when this payment method is visible
	No	
IP From		
IP To		
Visible in	Backend and Frontend	Where you want to show this payment method: in the backend of Magento and/or in the frontend for the shoppers

Setting	Value(s)	Description
	Backend Only	
	Frontend Only	
Payment from applicable countries	All Allowed Countries	Make sure that the settings in the Adyen CA match the selection here. You can set the override countries in the Adyen CA by going to Skins > [yourskincode] > Payment methods > <i>pen icon</i> > Override available countries.
	Specific Countries	
Payment from specific countries		Where you want to show this payment method: in the backend of Magento and/or in the frontend for the shoppers

Set up Adyen Pay By Mail

This section will describe the configuration of the Adyen Pay By Mail payment method for the Adyen plug-in in Magento.

If you select this payment method the order will automatically created and in the order confirmation mail in the payment section the payment link will be visible.

With this payment link the shopper will be redirect to the Adyen HPP to do his payment. The order will be automatically updated when a payment is made trough the Adyen Notifications system.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen Pay By Mail** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Setting	Value(s)	Description
Enabled	Yes	This will enable you to do Pay By Mail payments
	No	
Title		Title of the payment method
		This is the position of the Pay By Mail payment method during the checkout

Setting	Value(s)	Description
Sort Order		
Session Validity		How many days do you want this payment page to be active
Skin Code		The skin code you want to use. Leave this empty if you want to use the same as Adyen HPP settings
HMAC Key for Test		Should match with the HMAC test key in the Adyen Customer Area. Fill this in if you are using a different skin then defined in Adyen HPP
HMAC Key for Live		Should match with the HMAC live key in the Adyen Customer Area. Fill this in if you are using a different skin then defined in Adyen HPP
Visible in	Backend and Frontend	Where you want to show this payment method: in the backend of Magento and /or in the frontend for the shoppers
	Backend Only	
	Frontend Only	

Set up Adyen ELV (deprecated)

This section will describe the configuration of the Adyen ELV payment method for the Adyen plug-in in Magento.



This payment method is deprecated and you can better switch to Adyen SEPA. This separate payment method will be removed in the next release.

Under the *Payment Method* configuration, you will find various sections related to the configuration of the Adyen plug-in.

- Click **Adyen ELV** this will open up the configuration for this payment method.
- Fill out the fields. Hovering over the question mark (?) on the right of each field will give you more information about the required setting.

Fields

Enabled	Yes	This will enable you to do Pay By Mail payments
	No	
Title		Title of the payment method
Sort Order		This is the position of the ELV payment method during the checkout
Payment from applicable countries	All Allowed Countries	Make sure that the settings in the Adyen CA match the selection here. You can set the override countries in the Adyen CA by going to Skins > [yourskincode] > Payment methods > <i>pen icon</i> > Override available countries.
	Specific Countries	
Visible in	Backend and Frontend	Where you want to show this payment method: in the backend of Magento and/or in the frontend for the shoppers
	Backend Only	
	Frontend Only	

Import stored cards in Magento

In the new version of the module (2.4.0 or higher) you can find the Recurring References in the Billing Agreements of Magento.

If you already running the Adyen plug-in with version 2.3.1 or lower, you need to import the already saved card data into your Magento store to make OneClick visible to your shoppers.

 You need to enable the *Adyen OneClick* payment method.

To import the current saved cards into billing agreements of Magento you need to manually execute the script by following these steps:

1. Open a terminal session.
2. In the terminal, go to the Magento home directory.
3. Go to the folder shell.
4. Now execute the script by entering the following PHP command:

```
adyen.php -action loadBillingAgreements
```

All new saved cards are automatically saved into `billingAgreement` of Magento.

Make sure you have turned on `RECURRING_CONTRACT` notification on your merchantAccount. If you want to add this or if you are not sure, just send us an [email](#).

Issue a refund in Magento

You may need to issue a refund when a payment is cancelled, or when a shopper asks to be refunded. Depending on the terms of sale, you can cancel a payment and return the partially or fully charged amount to the shopper.

After [authorising](#) a payment and after charging the shopper, if the shopper requests a refund and they are eligible for it, you may need to return the paid amount to them.

To issue an order refund in Magento, follow these steps:

- In the **Magento Admin Panel**, go to **Sales**, and then select **Orders**.
- In the order overview page, browse to the order you want to refund, then click it.
- In the **Order View** left-hand navigation sidebar, click **Invoices**.
- In the invoice overview page for the selected order, click the order invoice you need to create a refund for.
- Click **Credit Memo** on the top-right corner of the page.
- In the **New Credit Memo for Invoice** page, scroll down to the **Refund Totals** pane.
- In this pane you can define and issue a regular **Refund** or a **Refund Offline**.
 - **Refund**: this option triggers the Adyen system to automatically execute a refund for the transaction.
 - **Refund Offline**: an offline refund does not trigger the Adyen system. You need to take action and carry out the refund manually, for example from the [Customer Area](#).

After a refund operation, the order status changes to **Closed**. This change is controlled by the Magento system, and we cannot influence it.

The status change does not mean that the refund was carried out successfully on our side.

If the Adyen status changes to **REFUND:TRUE**, then the refund went through successfully.

Refunds of payments that were done using Sofort, SEPA and OpenInvoice (Klarna & Afterpay) are only refundable after they have the status **Settled** in the Adyen Customer Area. When a payment is still **SentForSettle** it is not possible to refund the payment yet. You cannot find this status in Magento, only in the Adyen Customer Area.



After the refund is processed, it cannot be cancelled or undone. Make sure the refund amount and any other details are correct before triggering the operation.